

FIG. 1.

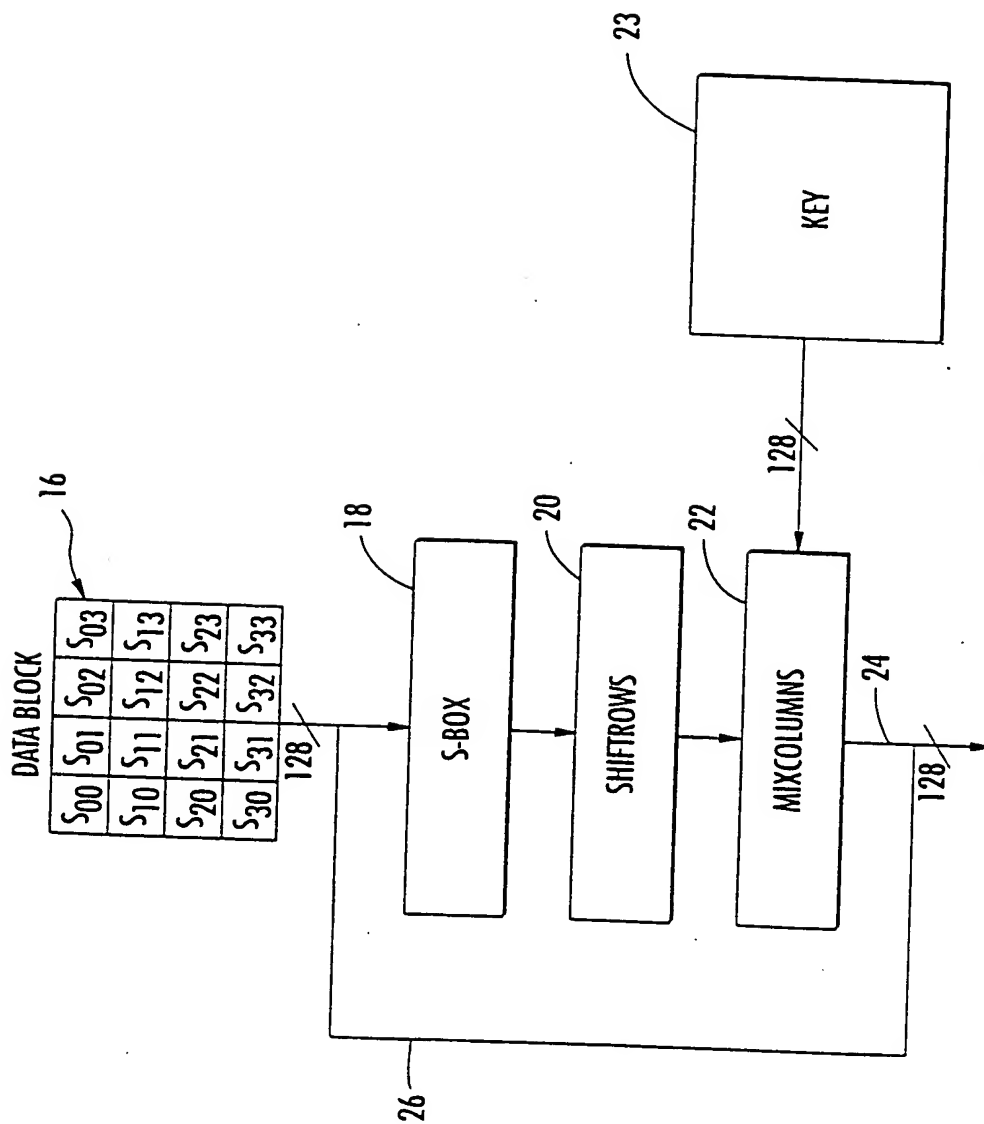


FIG. 2.

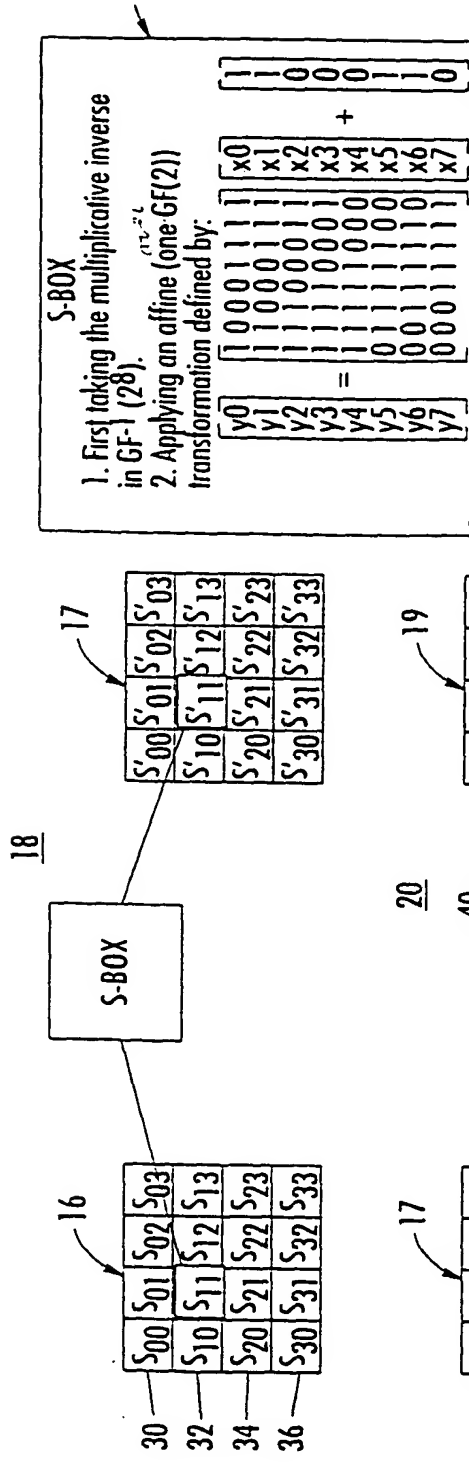


FIG. 3.

FIG. 4.

FIG. 5.

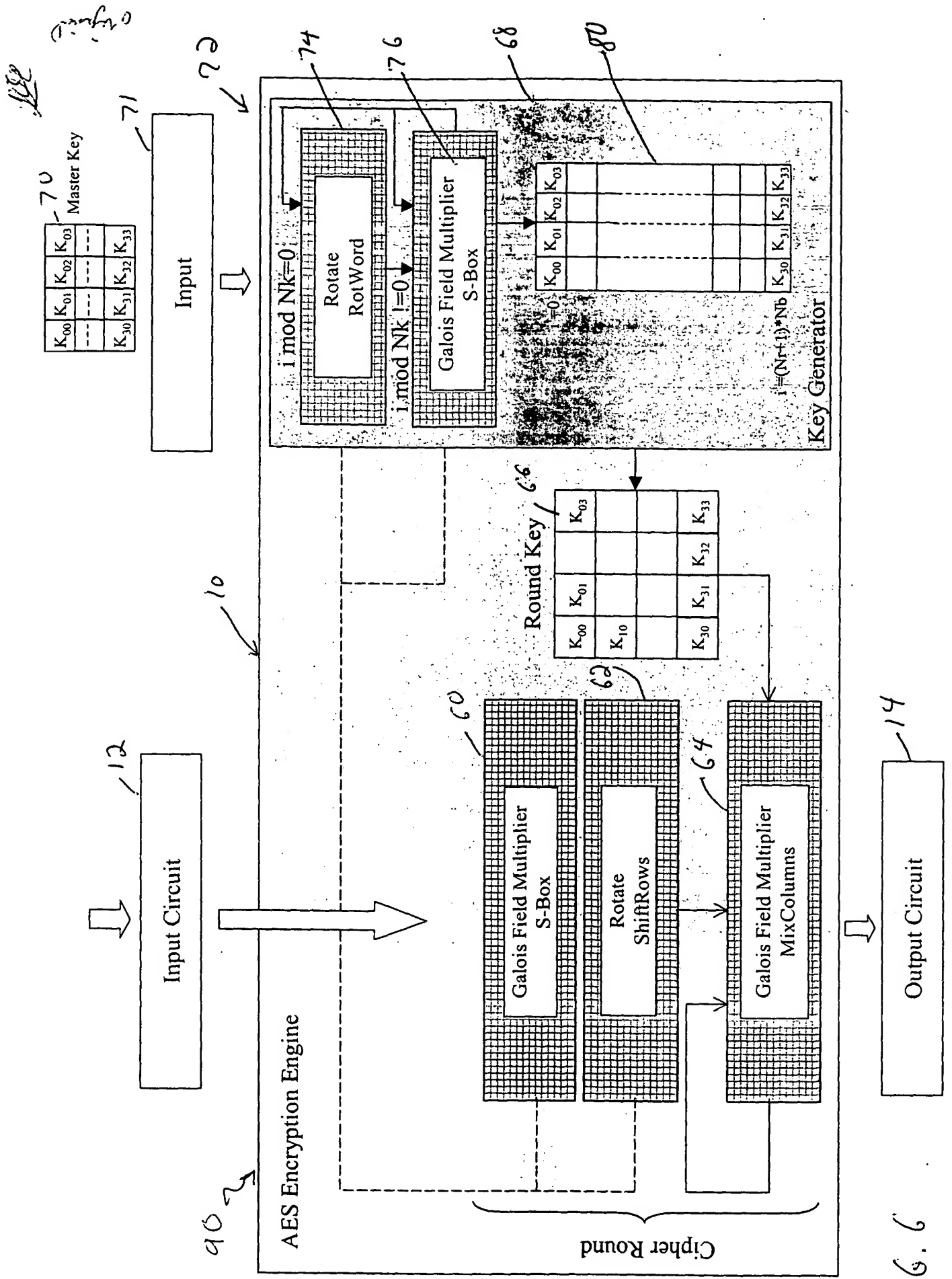
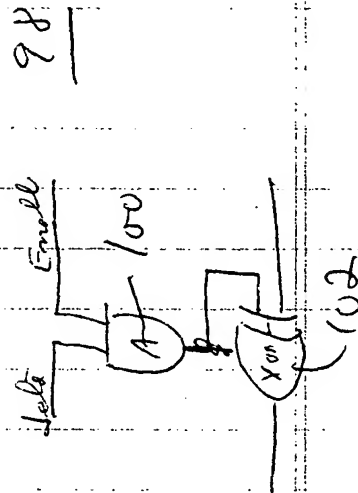
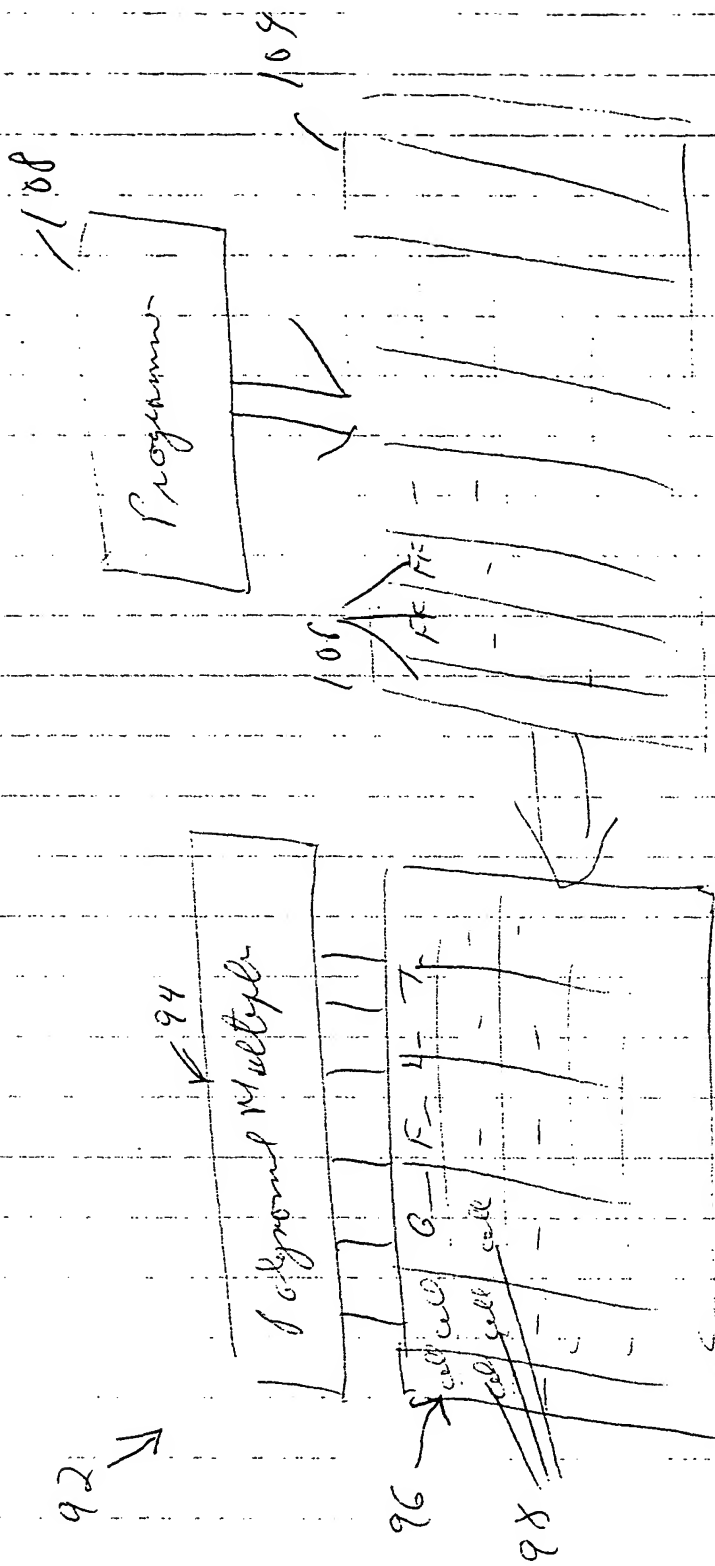


FIG. 6



5168

Fig. 7

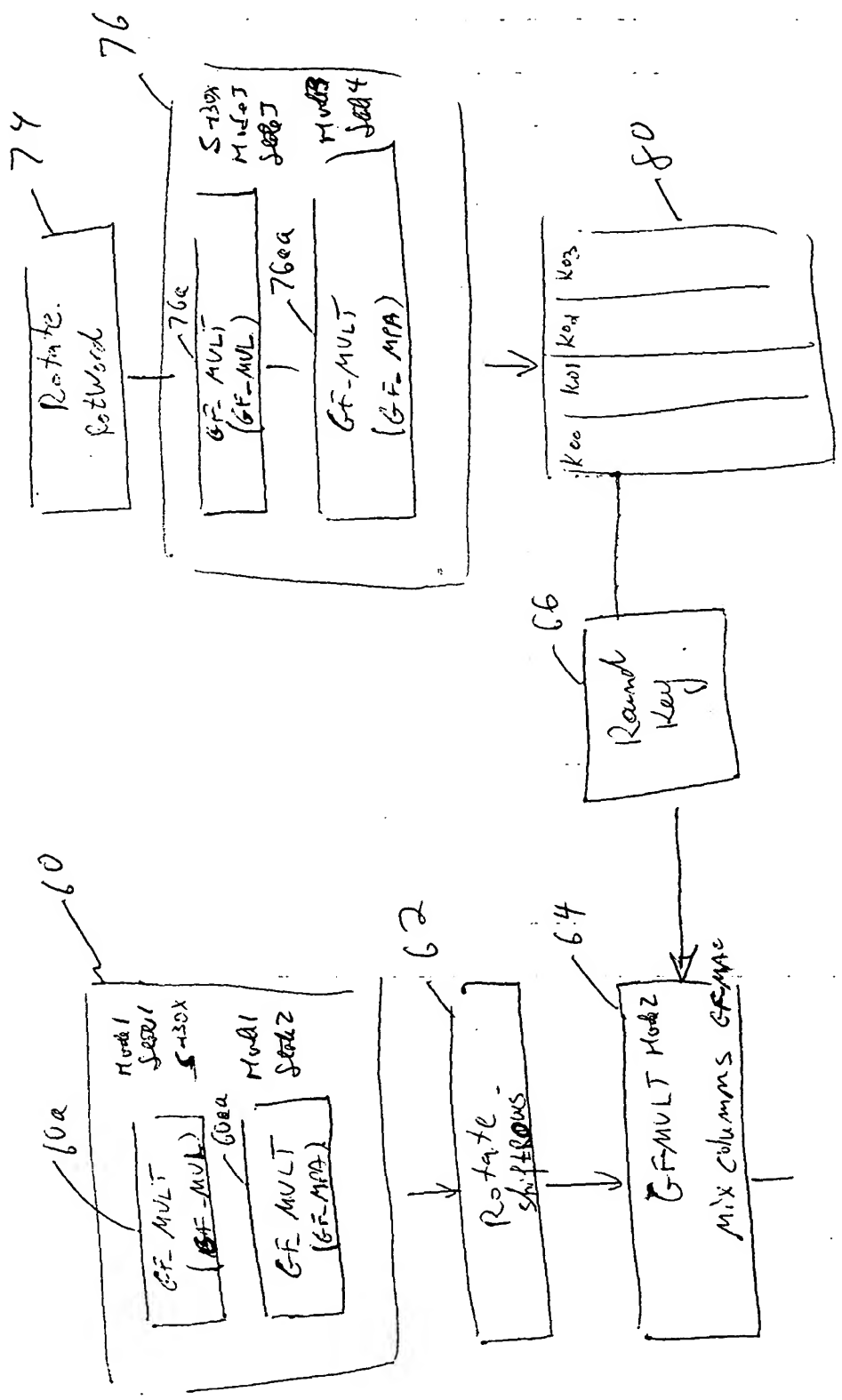


FIG. 9

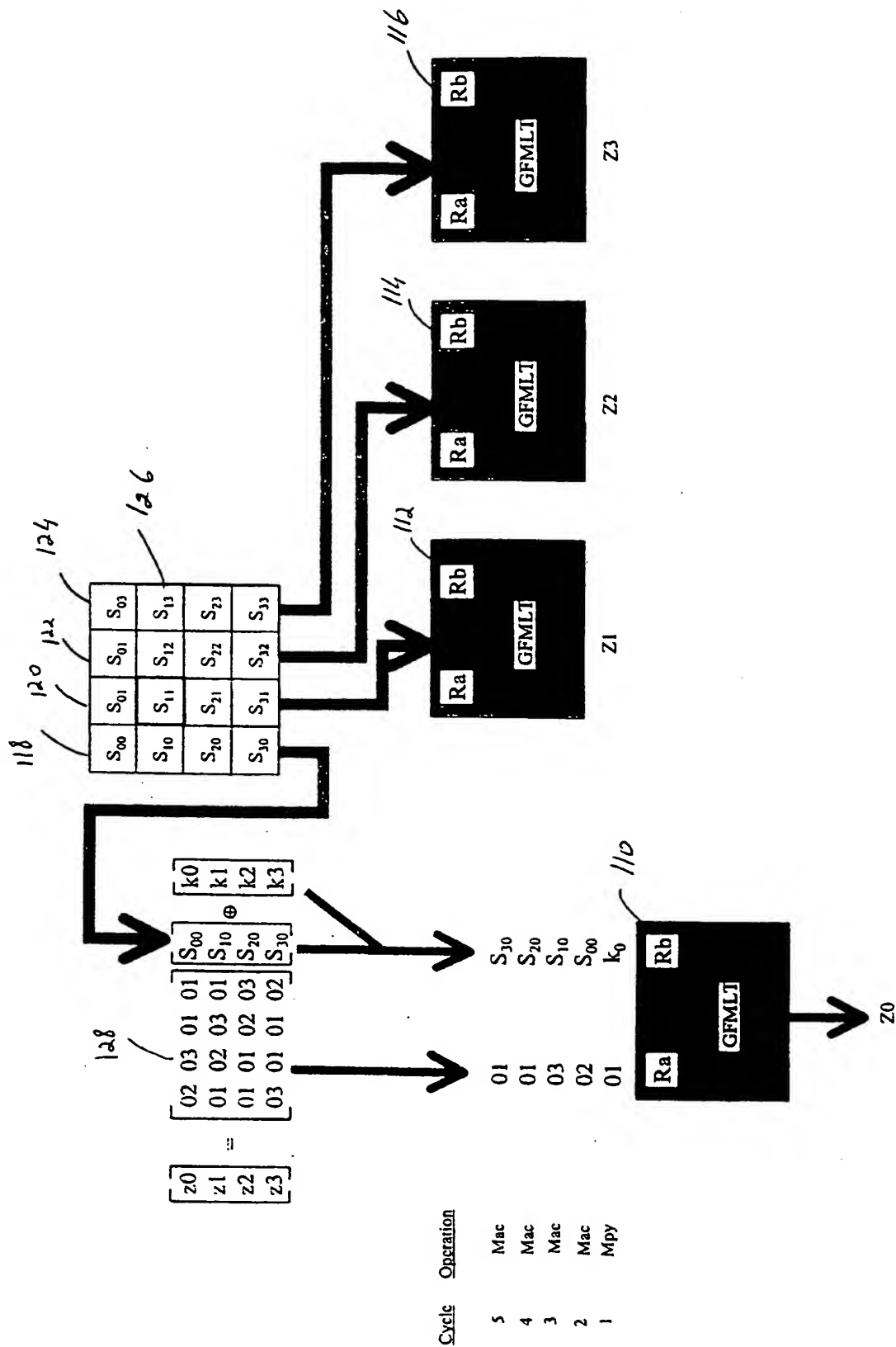
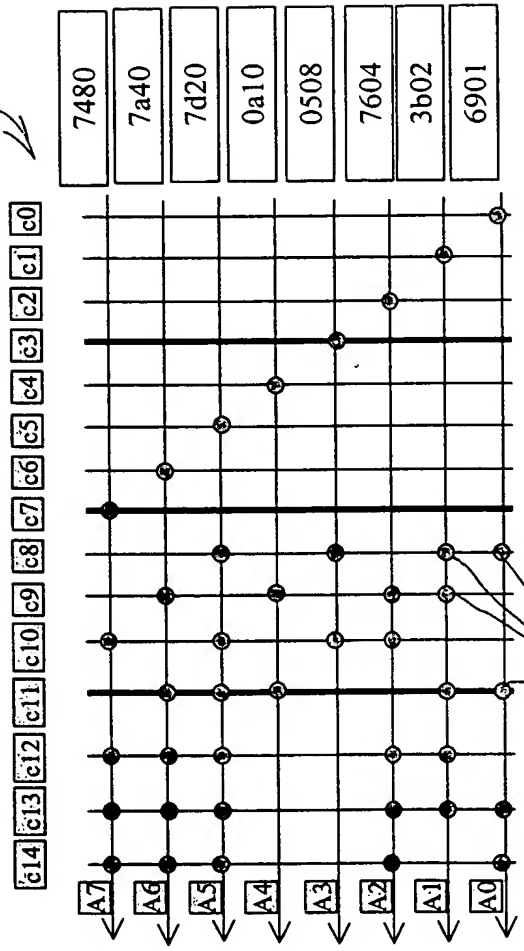


FIG. 10

es152



GF_Mpy(β, α)

160

FIG. 11

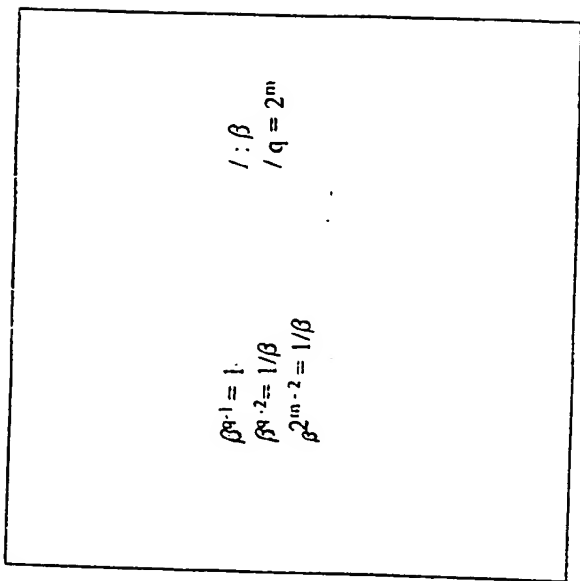
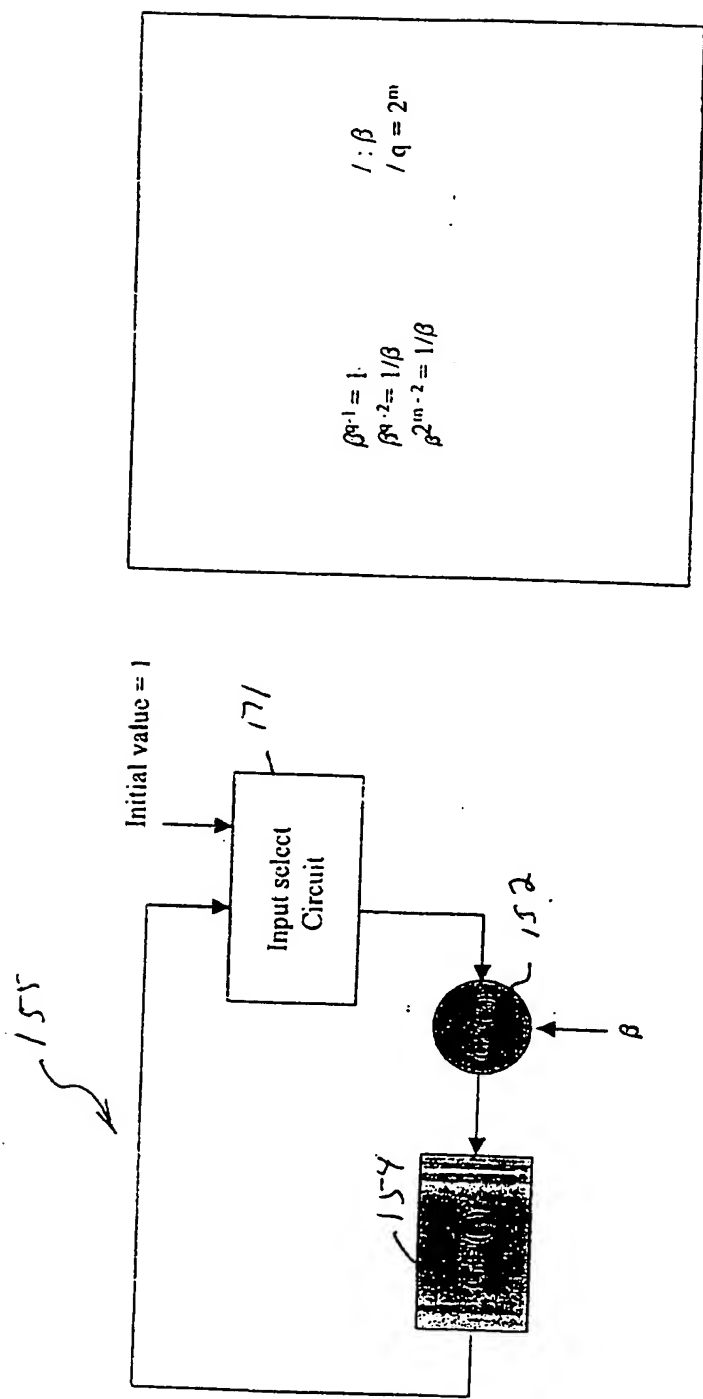
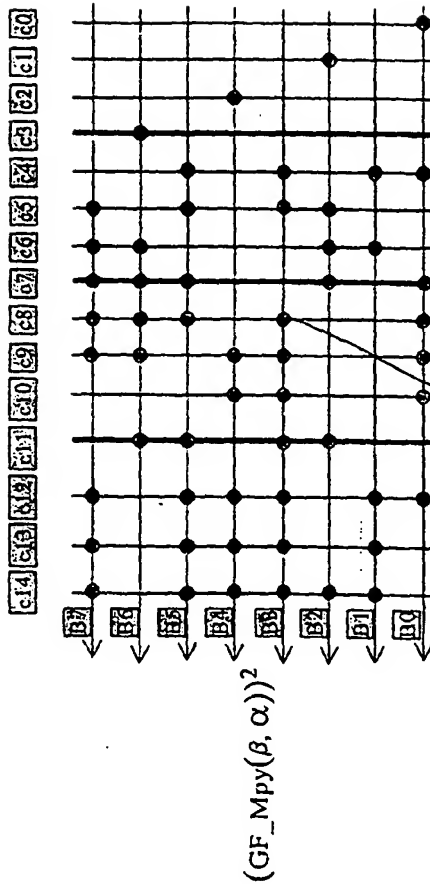


FIG. 12

$(\alpha, \beta) = (0, 0)$ $(\alpha, \beta) = (0, 1)$ $(\alpha, \beta) = (1, 0)$ $(\alpha, \beta) = (1, 1)$

170



F16. 13

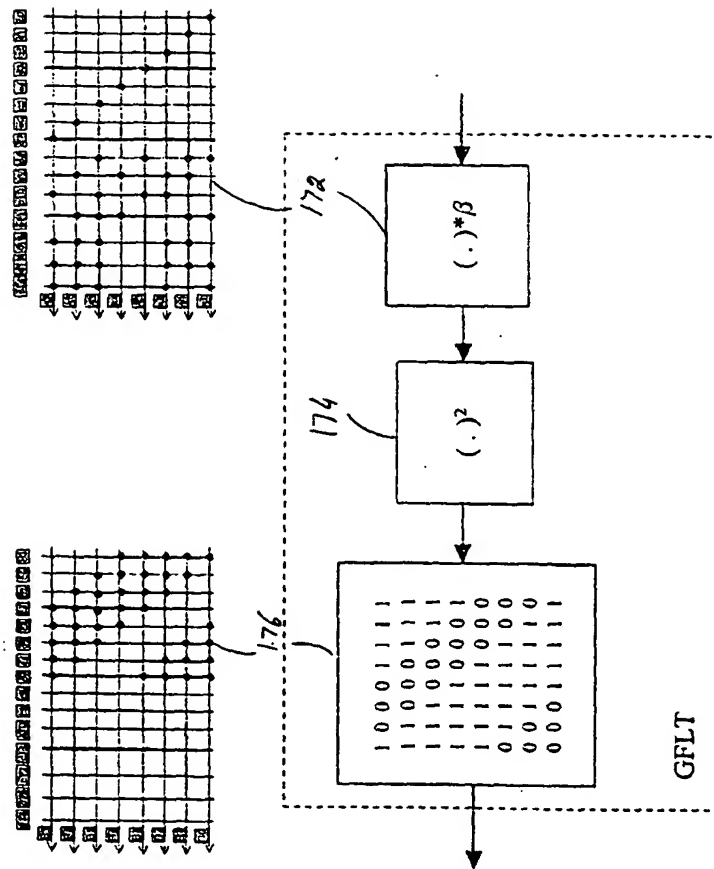
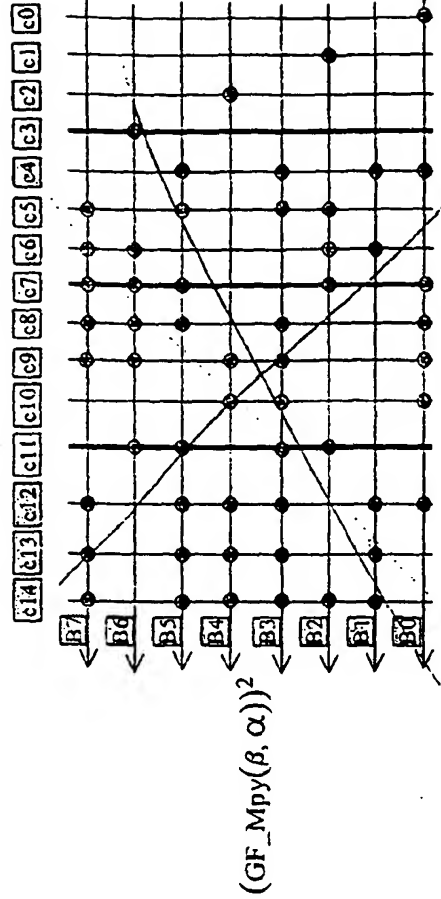
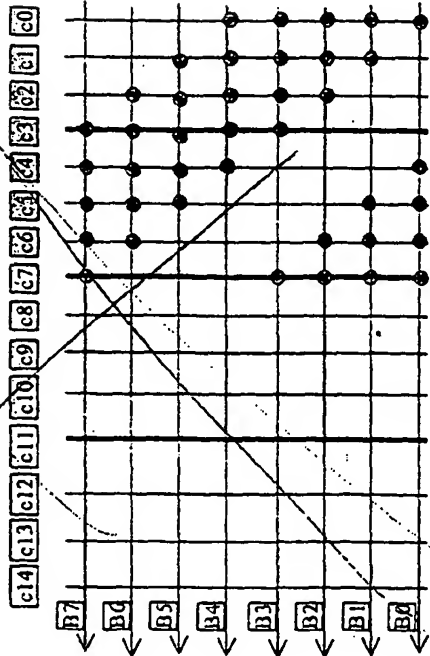


FIG. 14

$$\begin{bmatrix} y_0 \\ y_1 \\ y_2 \\ y_3 \\ y_4 \\ y_5 \\ y_6 \\ y_7 \end{bmatrix} = \begin{bmatrix} 1 & 0 & 0 & 1 & 1 & 1 & 1 & 1 \\ 1 & 1 & 0 & 0 & 1 & 1 & 1 & 1 \\ 1 & 1 & 0 & 0 & 1 & 1 & 1 & 1 \\ 1 & 1 & 1 & 0 & 0 & 1 & 1 & 1 \\ 1 & 1 & 1 & 1 & 0 & 0 & 1 & 1 \\ 0 & 1 & 1 & 1 & 1 & 0 & 0 & 1 \\ 0 & 0 & 1 & 1 & 1 & 1 & 0 & 1 \\ 0 & 0 & 0 & 1 & 1 & 1 & 1 & 1 \end{bmatrix} \begin{bmatrix} x_0 \\ x_1 \\ x_2 \\ x_3 \\ x_4 \\ x_5 \\ x_6 \\ x_7 \end{bmatrix}$$



5180

c14 c13 c12 c11 c10 c9 c8 c7 c6 c5 c4 c3 c2 c1 c0

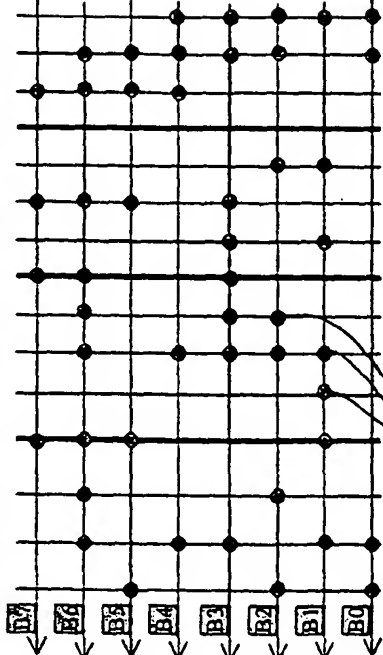
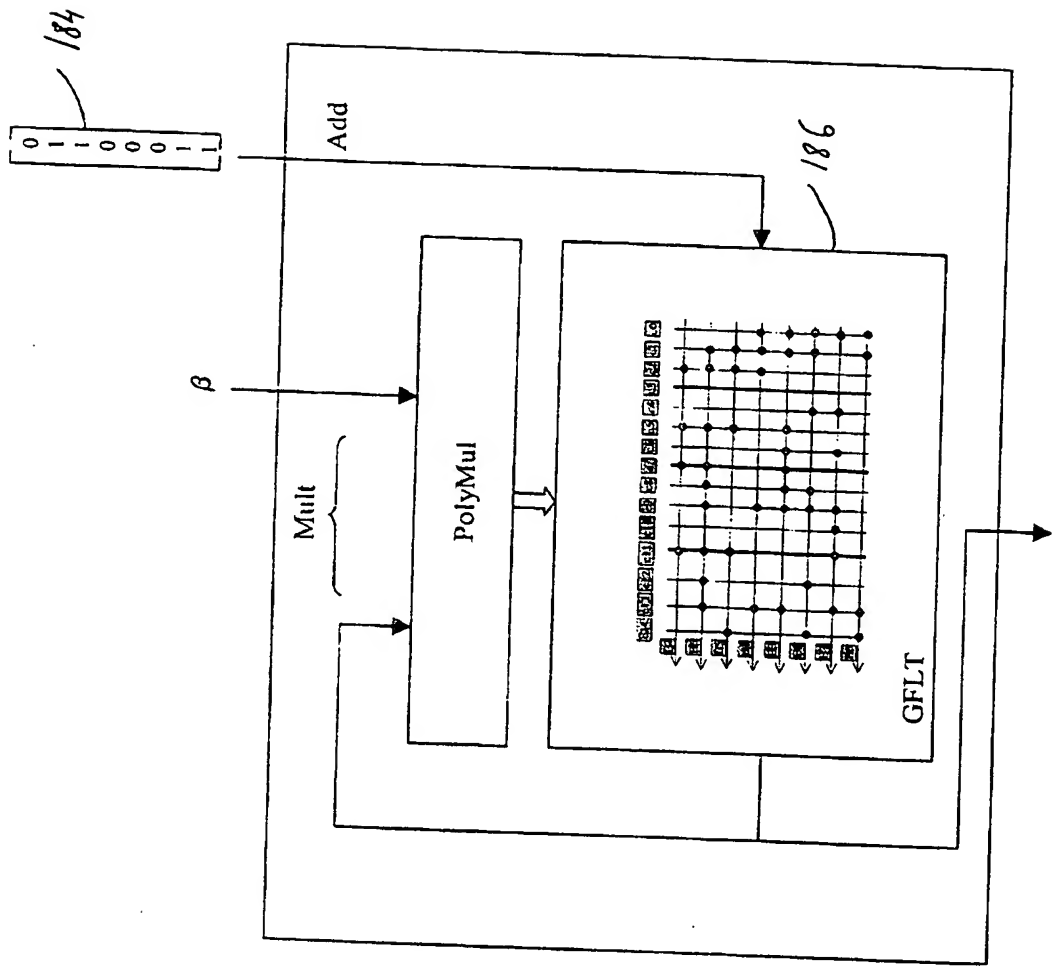
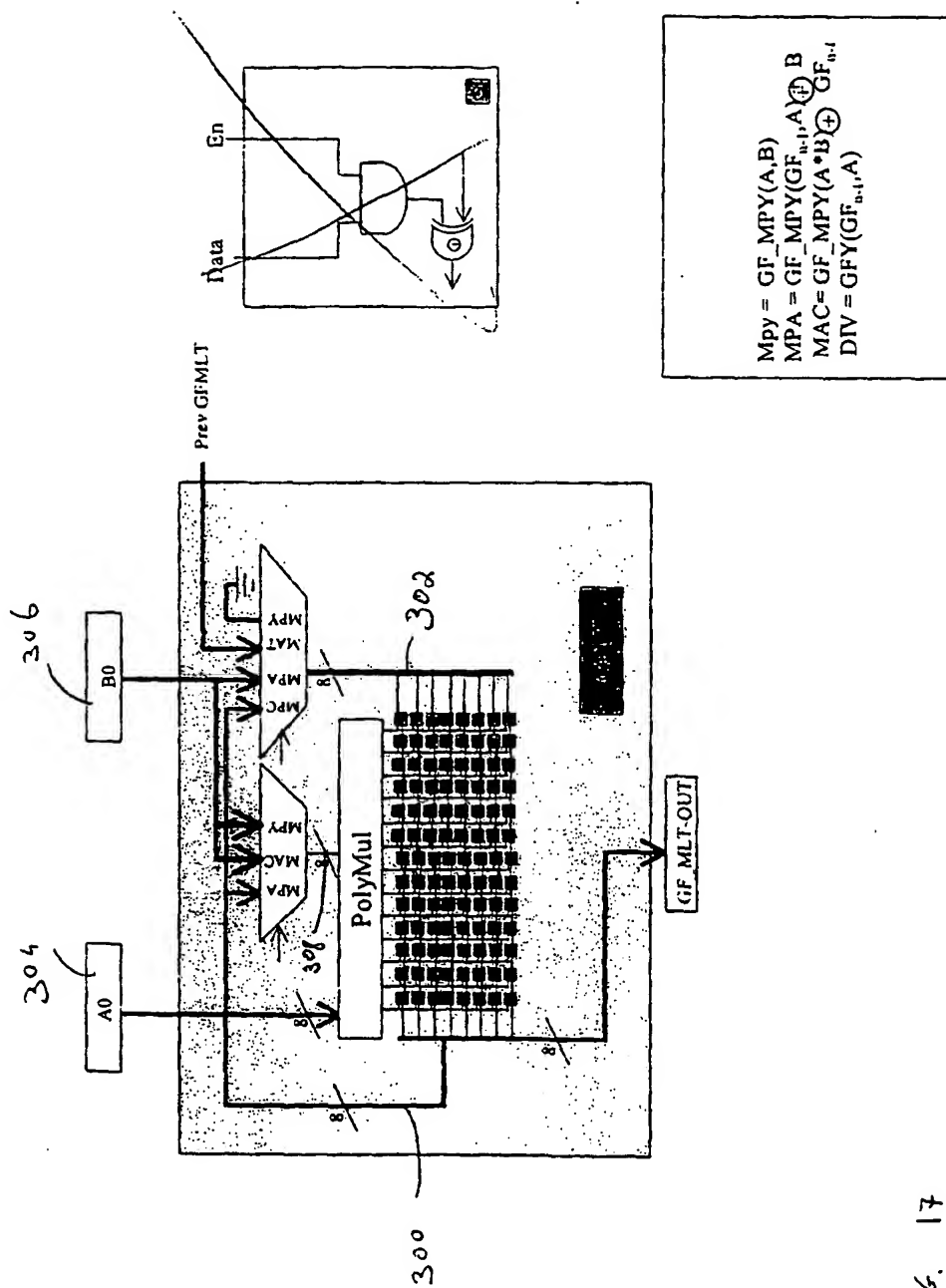


FIG. 15



$$GF_Out_n = \text{Affine_Transform}\{[GF_Mpy(GF_Out_{n-1} * \beta)]^2\}$$

Fig. 16



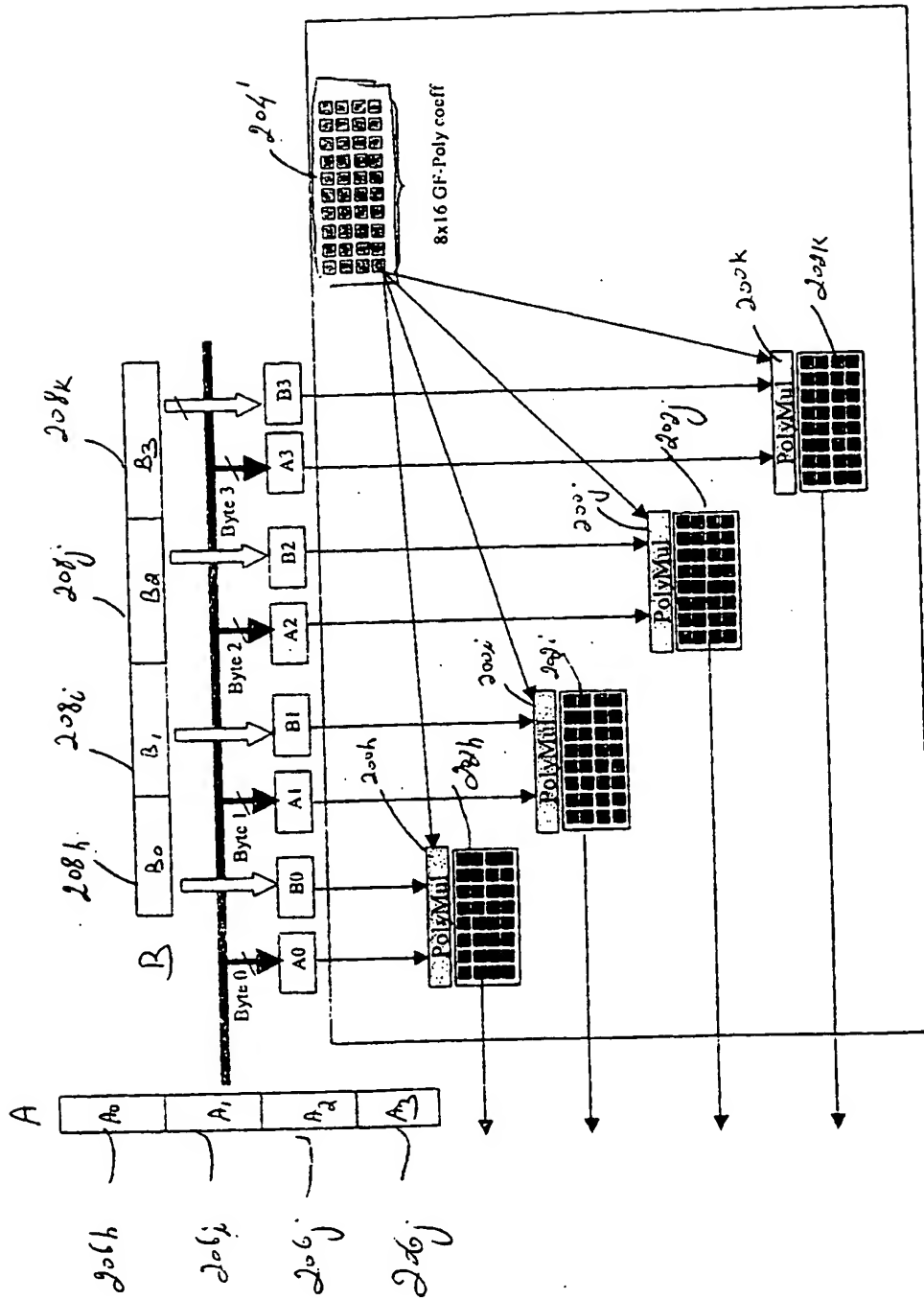


FIG. 18